

**Summary of Changes to Measurement & Payment
and Master Bid List Documents
June 17, 2004**

Changes to M&P

Change from Plastic Drums to Plastic Barrels

#	015540030	Plastic Barrels	Device day
A.	Deduct all Department costs of corrective action against monies due to Contractor.		
B.	Device day: The number of devices used to control, direct, or warn traffic per calendar day or part of a calendar day.		

Change the title

#	028410010	W-Beam Guardrail	Feet
In place, includes standard w-beam guardrail with posts, blocks, hardware, and barrier reflectors.			

#	028410030	W-Beam Guardrail Transition Element	Each
In place, includes guardrail with posts, blocks, hardware, curb section, and barrier reflectors.			

#	028410090	W-Beam Guardrail Anchor Type 1	Each
In place			

Number changed from 028410075 to

#	028410076	W-Beam Guardrail Median Barrier	Feet
In place, includes standard W-beam guardrail with posts, blocks, hardware, and barrier reflectors.			

Add

#	028910032	Sign, Type P-1	Each
In place			

#	033100010	Structural Concrete	Cubic Yard
Measurement:			
A.	When the Contract provides a lump sum bid, the quantities shown on the plans are estimated quantities only, and are not to be used as exact quantities.		
B.	When the contract provides measurement per cubic yard, measure quantities by the dimensions shown.		
C.	Use the prismoidal formula when the method of average end areas is not sufficiently accurate.		
D.	Do not measure concrete required to fill over breakage of excavation for footings, walls, or slabs.		
E.	Department will not deduct for volume occupied by pipes (other than culverts), reinforcing steel, piles, metal grillage, anchors, conduits, or weep holes.		
Payment			
A.	Department will pay for reinforcing steel for structures separately, unless otherwise noted.		
B.	Department will pay separately for concrete placed in individual structures containing less than 8 yd3 at the bid price per cubic yard for Concrete, Small Structure.		
C.	Department will make no separate payment for excavation for structures.		
D.	Department will adjust prices as follows when the Contract provides for concrete structures as a lump sum:		
1.	If the Engineer increases or decreases the quantity of concrete:		
a.	Unit price will be determined by dividing the contract lump sum price of that item by the estimated quantity of concrete as shown on the plans.		
b.	The contract lump sum price will be adjusted by an amount equal to the product of the change in quantity and computed unit price.		
2.	If the estimated quantity of concrete as shown is in error by more than 10 percent:		
a.	The contract lump sum price will be increased or decreased by an amount equal to the product of the unit price determined in accordance with D 1 above.		

Delete

028410011	W-Beam Guardrail
028410031	W-Beam Guardrail Transition
028410091	W-Beam Guardrail Anchor Type 1

Changes to Bid List

Add "Panel" to

015540055	Advance Warning Arrow Panel - Type B, Stationary
015540060	Advance Warning Arrow Panel - Type C, Stationary
015540065	Advance Warning Arrow Panel - Type B, Moving
015540070	Advance Warning Arrow Panel - Type C, Moving

Change Title

028410010	W-Beam Guardrail
028410030	W-Beam Guardrail Transition Element
028410090	W-Beam Guardrail Anchor Type 1

Delete

028410011	W-Beam Guardrail
028410020	Double Beam Guardrail
028410031	W-Beam Guardrail Transition
028410091	W-Beam Guardrail Anchor Type 1